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Practitioner's Docket No. MPI96-031CP1DV1CPACN1M

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Chen, Zhijian J.  
Application No.: 10/052005 Group No.: 1652  
Filed: January 17, 2002 Examiner: Patterson, Charles L. Jr.  
For: A UBIQUITIN-DEPENDENT KINASE CAPABLE OF SITE-SPECIFIC  
PHOSPHORYLATION OF IKB-A

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. § 1.132

Dear Sir:

I, Tracy M. Sioussat, Reg. No. 50,609, of Millennium Pharmaceuticals, Inc., hereby declare as follows:

- (1) I am an agent of record for the Applicant in the above-identified application; and
- (2) The Ikb $\alpha$  amino acid sequence added by the Amendment After Final and Response filed herewith is the same Ikb $\alpha$  amino acid sequence disclosed in the Haskill et al. ((1991) Cell 65:1281-1289) reference.

---

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10\*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☒ deposited with the United States Postal Service in an envelope addressed to the Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
37 C.F.R. SECTION 1.8(a) 37 C.F.R. SECTION 1.10\*

- ☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Address" Mailing Label No.

**TRANSMISSION**

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Sean Hunziker/Carolyn Willey

(type or print name of person certifying)

Date: 21 November 2003

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Page 1 of 2)

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**COPY**

The teachings of this reference are incorporated by reference in this application on page 106, line 6 and page 113, lines 6-7 of the specification.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

21 November 2003

Respectfully submitted,

MILLENNIUM PHARMACEUTICALS, INC.

By

Tracy M. Sioussat

Tracy M. Sioussat, Ph.D.

Registration No. 50,609

75 Sidney Street

Cambridge, MA 02139

Telephone - 617-374-7679

Facsimile - 617-551-8820

**BEST AVAILABLE COPY**

(Page 2 of 2)

**COPY****FILE COPY****Declaration for Patent Application**

Docket Number: 1448.0240001

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF I $\kappa$ B $\alpha$ , the specification of which is attached hereto unless the following box is checked:

☒ was filed on March 19, 1997, as United States Application Number 08/825,559.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

(Application No.)

(Country)

(Day/Month/Year Filed)

☐ Yes ☐ No

(Application No.)

(Country)

(Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application No.)

(Filing Date)

(Application No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

08/616,499

(Application No.)

March 19, 1996

(Filing Date)

Abandoned

(Status - patented, pending, abandoned)

(Application No.)

(Filing Date)

(Status - patented, pending, abandoned)

EXPRESS MAIL LABEL NO. EL365224082 USDATE OF DEPOSIT September 24, 1997

# COPY

Appl. No. 08/825,559  
Docket No. 1448.0240001

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934

Direct Telephone Calls to:

(202)-371-2600

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Zhijian J. Chen	
Inventor's signature <i>Chen Zhijian</i>	12/9/97 Date
Residence 8200 Southwestern Blvd., Apt. 205, Dallas, TX 75206	
Citizenship China	
Post Office Address Same as above	
Full name of second inventor	
Second Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

FILE COPY

## POWER OF ATTORNEY FROM ASSIGNEE

COPY

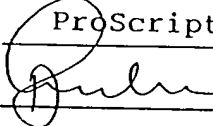
ProScript, Inc., a corporation of Cambridge, Massachusetts, having a principal place of business at 38 Sidney Street Cambridge, Massachusetts 02139, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on September 29, 1997 of an invention known as A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF IκBα (Attorney Docket No. 1448.0240001), which is disclosed and claimed in a patent application of the same title by the inventor Zhijian J. Chen (said application filed on March 19, 1997 at the U.S. Patent and Trademark Office, having Application Number 08/825,559).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Stacey L. Channing, Registration No. 31,095; and Janice M. Klunder, Registration No. 41,121. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

Sterne, Kessler, Goldstein & Fox P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
U.S.A.

Direct phone calls to 202-371-2600.

FOR: ProScript, Inc.  
SIGNATURE:   
BY: David Lubner  
TITLE: V.P., Finance & Administration, CFO  
DATE: 10/10/97

EXPRESS MAIL LABEL NO EL365624082-45  
DATE OF DEPOSIT September 04, 1997

**COPY**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 102.603.179)

In re Application of:      Zhijian J. Chen  
Serial No.:                      08/825,559  
Filing Date:                    March 19, 1997  
Title:                              KINASE CAPABLE OF SITE-SPECIFIC  
   PHOSPHORYLATION OF IKB- $\alpha$   
Art Unit:                        1644

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

REVOCATION AND CREATION OF POWER OF ATTORNEY

Hon. Assistant Commissioner for Patents:

I, David Lubner, hereby certify that I am authorized to act on behalf of ProScript Incorporated in matters before the United States Patent and Trademark Office. I further certify that ProScript Incorporated is the Assignee and the exclusive licensee of the above-identified United States patent application. I further certify that the assignment documents for the above-identified patent application have been reviewed and that to the best knowledge and belief of ProScript Incorporated, title in such patent application is in the name of ProScript Incorporated. The assignment to ProScript Incorporated for the above-identified patent application were recorded in the United States Patent and Trademark Office on May 21, 1996 at reel 7951, frame 0054, in U.S.S.N. 08/616,499 which this application is a continuation-in-part of.

In the above-identified United States patent application, I hereby revoke all powers of attorney previously created. I hereby appoint the following attorneys to prosecute the above-identified application and transact all business in the Patent and Trademark Office connected therewith.

EXPRESS MAIL LABEL NO. EL 365624082-45  
DATE OF DEPOSIT September 24, 1998

**COPY**

U.S.S.N. 08/825,559

Page -2-

James B. Lampert	Reg. No. 24,564
Wayne M. Kennard	Reg. No. 30,271
Michael J. Bevilacqua	Reg. No. 31,091
Hollie L. Baker	Reg. No. 31,321
Henry N. Wixon	Reg. No. 32,073
Donald R. Steinberg	Reg. No. 37,241
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Ann-Louise Kerner, Ph.D.	Reg. No. 33,523
Michael A. Diener	Reg. No. 31,122
Colleen Superko	Reg. No. 39,850
Richard A. Goldenberg	Reg. No. 38,895
Gretchen A. Rice, Ph.D.	Reg. No. 37,429
Peter Dichiara	Reg. No. 38,005
Scott M. Alter	Reg. No. 32,879
Edward Grieff	Reg. No. 38,898
Jason A. Reyes	Reg. No. 41,513
Keum J. Park	Reg. No. 42,059
Janice M. Klunder	Reg. No. 41,121

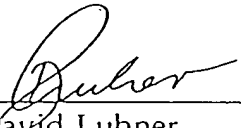
the mailing address and telephone number of each of whom is Hale and Dorr LLP, 60 State Street, Boston, Massachusetts 02109, and (617) 526-6000.

All correspondence should be sent to:

Wayne A. Keown, Ph.D.  
Hale and Dorr LLP  
60 State Street  
Boston, MA 02109

Tel. No.: (617) 526-6000  
Fax. No.: (617) 526-5000

ProScript, Inc.  
38 Sidney Street  
Cambridge, MA 02139

By   
David Lubner  
Vice President, Finance and  
Administration and CFO

Date: 10-14-98



**COPY**

Practitioner's Docket No. MPI96-031CP1DV1CPACN1M

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Chen, Zhijian J.  
Application No.: 10/052,005                      Group No.: 1652  
Filed: January 17, 2002                      Examiner: N/A  
For: A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF  
IKB-A

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION OF PRIOR POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW POWER OF ATTORNEY**

Dear Sir:

MILLENNIUM PHARMACEUTICALS, INC., the Assignee of the entire right, title and interest in the above-identified application by virtue of the Merger document filed with the United States Patent and Trademark Office on April 23, 2001, at Reel 011742, Frame 0508 hereby revokes all Powers of Attorney with respect to that application heretofore granted and appoints the below listed attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

**CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10\***

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.  
37 C.F.R. SECTION 1.8(a)

37 C.F.R. SECTION 1.10\*

- ☐ with sufficient postage as first class mail.



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Date: 12/20/02

Signature

[Signature]  
(type or print name of person certifying)

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Scott A. Brown, Reg. No. 32,724; Susan M. Perkins, Reg. No. 36,405; Carmen Pili Ekstrom, Reg. No. 34,981; Ian R. Silverman, Reg. No. 37,443; Jean M. Silveri, Reg. No. 39,030; Allan N. Kutzenko, Reg. No. 38,945, Theodore R. Allen, Reg. No. 41,578; Kerri Pollard Schray, Reg. No. 47,066, Tracy M. Sioussat, Reg. No. 50,609; Steven A Bossone, Reg. No. 51,196; and Paul J. Paglierani, Reg. No. P-52,498

all of Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, Massachusetts 02139, United States of America.

Please direct all future correspondence to:

Intellectual Property Group  
MILLENNIUM PHARMACEUTICALS, INC.  
75 Sidney Street  
Cambridge, MA 02139

and direct all telephone calls to Jean M. Silveri at 617-679-7336.

MILLENNIUM PHARMACEUTICALS, INC.

By: \_\_\_\_\_

Typed Name: Jean M. Silveri

Title: Sr. Patent Counsel

Dated: December 19, 2002

**COPY**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 28, 1997

STERNE, KESSLER, GOLDSTEIN & FOX  
ANNE BROWN  
1100 NEW YORK AVE., N.W.  
SUITE 600  
WASHINGTON, DC 20005-3934

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DEC - 3 1997



\*100555951A\*

STERNE, KESSLER, GOLDSTEIN & FOX P.L.C.

*Ray*  
*Rehm*

*12/9/97*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/14/1997

REEL/FRAME: 8751/0345  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHEN, ZHIJIAN J.

DOC DATE: 09/29/1997

ASSIGNEE:

PROSCRIPT, INC.  
38 SIDNEY STREET  
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08825559  
PATENT NUMBER:

FILING DATE: 03/19/1997  
ISSUE DATE:

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

EXPRESS MAIL LABEL NO. 6236522408245

DATE OF DEPOSIT September 24, 1999

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10-23-1997



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OCT 14 1997

U.S. Department of Commerce  
Patent and Trademark Office

Form PTO-1595  
6-93

RECORDATION FORM COVER SHEET  
PATENTS ONLY

RECEIPT ACTING DIV.

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party:

Zhijian J. CHEN

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment

☐ Security Agreement

☐ Other

☐ Merger

☐ Change of Name

Execution Date: September 29, 1997

2. Name and address of receiving party:

Name: ProScript, Inc.

Street Address: 38 Sidney Street

City: Cambridge State: Massachusetts Zip Code: 02139

Country: U.S.A.

Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number or patent number(s): 08/825,559

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?

☐ yes ☒ no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

Internal Address: c/o

Street Address: 1100 New York Ave., N.W.  
Suite 600

City: Washington State: D.C. Zip Code: 20005-3934

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Anne Brown  
Name of Person Signing  
Registration No. 36,463

Anne Brown  
Signature

10/14/97  
Date

Total number of pages including cover sheet, attachments and document: 2

OMB NO. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

PROCESSING FEE \$44.00  
017 pro  
SK OF Rev. 4/16/96

10/22/1997 TTON11 00000156 0825559  
01 EP. 5.01

40.00 00

COPY

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Zhijian J. Chen, the undersigned hereby sell(s) and assign(s) to ProScript, Inc. (the Assignee) his/her entire right, title and interest

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

in the invention(s) known as A KINASE CAPABLE OF SITE-SPECIFIC PHOSPHORYLATION OF IκBα for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 9/29/97 (also known as United States Application No. 08/825,559, filed March 19, 1997), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912, Edward J. Kessler, Esquire, Registration No. 25,688, Jorge A. Goldstein, Esquire, Registration No. 29,021, Samuel L. Fox, Esquire, Registration No. 30,353, David K.S. Cornwell, Esquire, Registration No. 31,944, Robert W. Esmond, Esquire, Registration No. 32,893, Tracy-Gene G. Durkin, Esquire, Registration No. 32,831, Michele A. Cimbala, Esquire, Registration No. 33,851, Michael B. Ray, Esquire, Registration No. 33,997 and Robert E. Sokohl, Esquire, Registration No. 36,013, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: 9/29/97 Signature of Inventor: Zhijian J. Chen

P:\USERS\TPITTMANN\1448\024-1.ASN

**COPY**

NOVEMBER 23, 1999

HALE AND DORR LLP  
JANICE M. KLUNDER  
60 STATE ST.  
BOSTON, MA 02109



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101148495A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/13/1999

REEL/FRAME: 010233/0437  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PROSCRIPT, INC.

DOC DATE: 09/08/1999

ASSIGNEE:

LEUKOSITE, INC.  
215 FIRST STREET  
CAMBRIDGE, MASSACHUSETTS 02142

SERIAL NUMBER: 08825559  
PATENT NUMBER:

FILING DATE: 03/19/1997  
ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
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9/13/99

09-20-1999

FORM PTO-1595  
(Rev. 6-93)

RECORDED

OMB No. 0651-0011 (exp. 4/94)



T

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings □ □ □ ▼

101148495

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
ProScript, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: LeukoSite, Inc.

Internal Address: \_\_\_\_\_

Street Address: 215 First Street

City: Cambridge State: MA ZIP: 02142

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: September 8, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
08/825,559

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Janice M. Klunder, Ph.D.

Internal Address: Hale and Dorr LLP

Street Address: 60 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

*Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.*

8. Deposit account number:

08-0219

(Attach duplicate copy of this page if paying by deposit account)

09/15/1999 JSHABAZZ 00000075 080219 08825559

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01 FC:581 40.00 CH

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Janice M. Klunder

Name of Person Signing

Janice M. Klunder  
Signature

September 9, 1999

Date

Registration No. 41,121

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**COPY**

Attorney Docket No.: 102.603.179

**ASSIGNMENT**

WHEREAS, ProScript, Inc., a Delaware corporation, having a principal place of business at 38 Sidney Street, Cambridge, Massachusetts 02139 ("ASSIGNOR"), is the owner of the entire right, title and interest in and to the invention disclosed in the application for Letters Patent entitled "Kinase Capable of Site-Specific Phosphorylation of I $\kappa$ B- $\alpha$ ", the specification of which was filed with the United States Patent and Trademark Office on March 19, 1997, and assigned United States Patent Application Number 08/825,559 ("PATENT"); and

WHEREAS, LeukoSite, Inc., a Delaware corporation, having a principal place of business at 215 First Street, Cambridge, Massachusetts 02142 ("ASSIGNEE"), is desirous of acquiring the right, title and interest in and to the PATENT;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to the PATENT and any patents, and any reissues and extensions thereof, which issue upon patent applications which correspond with the PATENT, including the right to sue and collect for past infringements ("EXTENDED RIGHTS"); the same to be held and enjoyed by ASSIGNEE for its own use, and for the use of its legal representatives, to the full term for which the PATENT and EXTENDED RIGHTS have been granted as fully and entirely as the same would have been held by ASSIGNOR had this Assignment not been made.

ASSIGNOR does hereby further covenant and agree that it will not execute any writing or do any act whatsoever conflicting with these presents, and that ASSIGNOR, its successors and assigns, will at any time upon request of ASSIGNEE,



**COPY**

Attorney Docket No.: 102.603.179

its successors and assigns, execute such additional writings and do such additional acts as ASSIGNEE, its successors and assigns, may determine as necessary or desirable in the enjoyment of this grant, and in any proceedings or transactions involving the PATENT and EXTENDED RIGHTS.

IN WITNESS WHEREOF, the ASSIGNOR, by its duly authorized officer, has executed this Assignment, as an instrument under seal, on this 5 day of September, 1999.

PROSCRIPT, INC.

By: 

The foregoing instrument was acknowledged before me this 5 day of September, 1999.

By Edwin Estabrook

Notary of Public

**COPY**



**UNITED STATES DEPARTMENT OF COMMERCE**

**Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

JULY 16, 2001

HALE AND DORR LLP  
WAYNE A. KEOWN  
60 STATE STREET  
BOSTON, MA 02109

HALE AND DORR LLP  
PTAS

JUL 19 2001

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DEPARTMENT



\*101699990A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/23/2001

REEL/FRAME: 011742/0508  
NUMBER OF PAGES: 4

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

LEUKOSITE, INC.

DOC DATE: 03/15/2000

**ASSIGNEE:**

MILLENNIUM PHARMACEUTICALS, INC.  
75 SIDNEY STREET  
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08825559  
PATENT NUMBER: 6107073

FILING DATE: 03/19/1997  
ISSUE DATE: 08/22/2000

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

*HALE & DORR DOCKETING*

RE: 103576-200 (US)

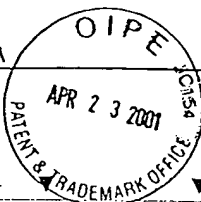
Action Date: \_\_\_\_\_

Action to be Taken: \_\_\_\_\_

Docketed by: Ag On: 7-20-01

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Sheet No.: 103576.200

05-03-2001



101699990

Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please record the attached document.

1. Name of conveying party(ies):

LeukoSite, Inc.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment

☒ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: March 15, 2000

2. Name and address of receiving party(ies):

Name: Millennium Pharmaceuticals, Inc.

Address: 75 Sidney Street

City: Cambridge

State/Prov.: MA

Country: USA

ZIP: 02139

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

6,107,073

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Wayne A. Keown

Registration No. 33,923

Address: Hale and Dorr LLP

60 State Street

City: Boston

State/Prov.: MA

Country:

ZIP: 02109

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0219

05/07/2001 DBYRHE 00000010 080219 6107073

01 FC:581

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Janice M. Klunder, Reg. No. 41,121

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

4

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*State of Delaware*  
*Office of the Secretary of State*

---

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF  
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT  
COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"LEUKOSITE, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "MILLENNIUM PHARMACEUTICALS, INC." UNDER THE  
NAME OF "MILLENNIUM PHARMACEUTICALS, INC.", A CORPORATION  
ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE,  
AS RECEIVED AND FILED IN THIS OFFICE THE SIXTEENTH DAY OF MARCH,  
A.D. 2000, AT 5:30 O'CLOCK P.M.

2296418 8100M

001315321



A handwritten signature in cursive script, reading "Edward J. Freel".

*Edward J. Freel, Secretary of State*

0512437

AUTHENTICATION:

06-21-00

DATE:

**COPY**

MAR-16-2000 17:07

P.04/05

**CERTIFICATE OF OWNERSHIP AND MERGER**

**MERGING**

**LeukoSite, Inc.**  
**(a Delaware corporation)**

**INTO**

**Millennium Pharmaceuticals, Inc.**  
**(a Delaware corporation)**

Millennium Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify:

**FIRST:** That the Corporation was incorporated on the 13th day of January, 1993 pursuant to the General Corporation Law of the State of Delaware.

**SECOND:** That the Corporation owns all of the outstanding shares of each class of the stock of LeukoSite, Inc., a corporation incorporated on the 1st day of May, 1992 pursuant to the General Corporation Law of the State of Delaware.

**THIRD:** That the Executive Committee of the Board of Directors of the Corporation, by written consent effective as of the 13th day of March, 2000, duly adopted the following resolutions:

**RESOLVED:** That, pursuant to Section 253 of the Delaware General Corporation Law, the Corporation is hereby authorized to merge LeukoSite, Inc., a Delaware corporation which is a wholly owned subsidiary of the Corporation, into the Corporation;

**RESOLVED:** That the President and Secretary of the Corporation be and each hereby is, authorized to execute a Certificate of Ownership and Merger with respect to the merger of LeukoSite, Inc. into the Corporation, cause the same to be filed with the Secretary of State of Delaware and take all such other actions and to execute all such other instruments and agreements as they or any of them may deem appropriate to effect such merger;

**RESOLVED:** That the merger of LeukoSite, Inc. into the Corporation shall be effective upon the filing of a Certificate of Ownership and Merger with the Secretary of State of Delaware.

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 05:30 PM 03/16/2000  
001135148 - 2322355

**COPY**

MAR-16-2000 17:08

P.05/05

IN WITNESS WHEREOF, the Corporation has caused this Certificate to be signed by its authorized officer this 15<sup>th</sup> day of March, 2000.

MILLENNIUM PHARMACEUTICALS, INC.

By: Jack Douglas  
Title: Secretary  
Jack Douglas